Index of Claims

| Application | n/Conti | ol No. |
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10/748,055 Examiner

James S. Ketter

Applicant(s)/Patent under Reexamination

MOTODA ET AL.
Art Unit

1636

| <b>∠</b> | Rejected |
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| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| Z | Non-Elected  |
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| _ | Interference |

| A | Appeal   |
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| Cla      | im       | Date         |          |          |  |          | Г        | Claim Date                                       |                    |           |              |             |          |              |           |          | Cla       | aim      | _        | Date     |                     |          |          |          |          |  |          |               |          |                |                 |   |              |
|----------|----------|--------------|----------|----------|--|----------|----------|--|--------------------|-----------|--------------|-------------|----------|--------------|-----------|----------|-----------|----------|----------|----------|---------------------|----------|----------|----------|----------|--|----------|---------------|----------|----------------|-----------------|---|--------------|
| - 0.0    |          | ┢            |          |          |  |          |          |  |                    |           |              |             |          |              | Г         |          |           |          |          | $\neg$   |                     | $\neg$   |          |          |          |  |          |               |          |                |                 |   |              |
| Finat    | Original | 90/6/9       |          |          |  |          |          |  |                    |           |              | Final       | Original |              |           |          |           |          | ļ        |          |                     |          | Final    | Original |          |  |          |               |          |                |                 |   |              |
|          | 1        | ┝            | ┝        | ⊢        | -  | -        | $\vdash$ | ╁╌   | $\vdash$           | -         | H            |             | 51       |              |           | $\dashv$ | ᅥ         | $\dashv$ | $\dashv$ | -        | $\dashv$            | $\dashv$ | -        | 101      | -        | $\vdash$   | $\vdash$ | Н             |          | _              | $\neg$          |   | $\dashv$     |
| _        | 2        | ┝            | -        | ⊢        | $\vdash$   | ⊢        | $\vdash$ | ┢╌   | H                  | $\neg$    | ┢            |             | 52       |              | -         | ᅥ        | ᅥ         | $\dashv$ | $\dashv$ | -        | -                   | -        | <b></b>  | 102      | $\vdash$ | $\vdash$   |          | Н             |          | Н              | _               |   | ᅥ            |
|          | 3        | ⊢            | $\vdash$ | ⊢        | Н  | ⊢        | ╁╴       | -  | $\vdash$           |           | ⊢            | -           | 53       |              |           | $\dashv$ | -         | +        | -+       | $\dashv$ | $\dashv$            | $\dashv$ |          | 103      | $\vdash$ | -  | 1        |               |          | $\vdash$       | _               | - | $\dashv$     |
|          | 1        | ├─           | -        | ⊢        | ┢  | ├─       | ┝        | -  | $\vdash$           | $\dashv$  | _ <b> </b> - |             | 54       |              | $\dashv$  | -        | $\dashv$  | -+       | $\dashv$ | $\dashv$ | $\dashv$            | -1       |          | 104      | $\vdash$ | -  | ┢        | Н             | $\vdash$ | Н              | -               | - | $\dashv$     |
| -        | \$       | ┝            | Η-       | _        |  | $\vdash$ | -        |  | $\vdash$           | $\dashv$  | H            |             | 55       | $\vdash$     |           | -        | $\dashv$  | $\dashv$ | $\dashv$ | -        | -                   | ⊣        |          | 105      |          | -  | 1        |               |          | Н              | _               | - | $\dashv$     |
|          | 6        | ┝            | $\vdash$ | -        | H  | -        | ╁        | $\vdash$   | ┢                  | $\dashv$  | ŀ            | $\dashv$    | 56       | -            | $\dashv$  | $\dashv$ | $\dashv$  | ┪        | -        | -        | +                   | -        | -        | 106      | -        | $\vdash$   | H        |               | Н        | Н              | ┰               |   | $\dashv$     |
|          | -        | <del> </del> | H        | $\vdash$ | -  | ┢        | +-       |  | -                  |           | F            | $\neg$      | 57       |              | -         | $\dashv$ | -         | -        | $\dashv$ | -        | $\dashv$            | $\dashv$ | $\vdash$ | 107      | $\vdash$ | $\vdash$   |          | -             | $\vdash$ | -              | _               | _ | $\dashv$     |
| _        | В        | ┢            | $\vdash$ |          |  | $\vdash$ | -        | ┢╌   | Н                  |           |              |             | 58       |              |           | -        | -         | $\dashv$ | $\dashv$ | -        | $\dashv$            | $\dashv$ | -        | 108      | Н        | _  |          |               |          | Н              |                 |   | $\dashv$     |
| _        | 9        | ┢            | ╁        | $\vdash$ | -  | ┢        | $\vdash$ | ┢  | $\vdash$           |           | - 1          |             | 59       |              |           | $\dashv$ | $\dashv$  | $\dashv$ | ┪        | _        | -                   | ⊣        |          | 109      | $\vdash$ | -  | $\vdash$ |               | $\vdash$ |                | $\dashv$        |   | $\dashv$     |
|          | 10       | $\vdash$     | ┝        | -        | <del> </del>                                     | $\vdash$ | ┢        | ┢  | -                  | $\vdash$  | F            | $\neg$      | 60       | Н            |           |          | $\dashv$  | 寸        | T        | $\dashv$ | $\dashv$            | ┥        |          | 110      |          | $\vdash$   | ╁        |               |          | -              | $\neg$          | _ | $\neg$       |
| _        | 11       | $\vdash$     | H        | H        |  | $\vdash$ | $\vdash$ | $\vdash$   |                    |           | _ h          |             | 61       | $\Box$       | $\exists$ |          | $\neg$    | $\dashv$ | $\dashv$ | $\neg$   | $\neg$              | $\neg$   | _        | 111      |          |  | T        |               | _        |                | $\neg$          | _ | $\neg$       |
| $\vdash$ | 12       | $\vdash$     | T        | Т        |  | $\vdash$ | T        | T  | $\Box$             | $\dashv$  | r            |             | 62       | Н            |           |          | -         | $\dashv$ | +        | $\dashv$ | 十                   | ┪        |          | 112      |          | Г  | Τ        | $\vdash$      |          |                | $\dashv$        |   | $\neg$       |
|          | 13       |              |          | Т        |  | $\vdash$ |          | Г  |                    | -         | ٦.           | $\neg$      | 63       | $\vdash$     |           | $\neg$   | 一         | 寸        | 7        | 寸        | 十                   | ヿ        |          | 113      |          |  | 1        |               |          | П              | $\Box$          |   | П            |
|          | 14       | T            | Т        | Г        |  | T        | T        | 1  | П                  | $\Box$    |              |             | 64       | П            | Н         | _        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\neg \uparrow$     | ┑        |          | 114      |          | Г  | Π        |               |          |                |                 |   |              |
|          | 15       | <u> </u>     | Т        |          | $\vdash$   | Т        | T        |  | П                  |           | r            |             | 65       | П            |           | $\neg$   | 一         | 寸        | $\dashv$ | $\neg$   | 一                   | 7        |          | 115      |          | Г  |          |               | П        |                | T               |   |              |
|          | 16       | ┢            |          | Ι-       |  | 1        |          | T  |                    |           |              |             | 66       | М            |           |          | ヿ         | ╗        | 寸        | 寸        | _                   | ┪        |          | 116      |          |  | T        |               |          |                |                 |   |              |
|          | 17       | =            |          |          | Г  | 一        | $\vdash$ | T  | $\vdash$           | $\Box$    |              | $\neg \neg$ | 67       | П            | $\Box$    |          | ╗         | ╛        | 寸        |          |                     | 7        |          | 117      |          |  |          |               |          | Г              |                 |   |              |
|          | 18       | ╘            | $\vdash$ | 1        | ✝  | ╁        |          | t  | T                  | $\Box$    |              |             | 68       |              | H         |          | 寸         |          | 寸        | 7        | $\neg$              | ┑        |          | 118      |          | Г  | $\vdash$ |               | _        |                |                 |   |              |
|          | 19       | Ì⋷           | $\vdash$ | $\vdash$ | $\vdash$   | Н        |          | <del>                                     </del> | T                  | $\neg$    | ٦            |             | 69       |              |           |          |           |          | T        | 一        |                     | ヿ        |          | 119      |          | Г  | T        |               |          |                |                 |   |              |
| -        | 20       | =            |          |          | Т  |          |          | t  | T                  |           | Ī            |             | 70       |              |           | $\neg$   |           |          | $\neg$   | $\neg$   |                     | 7        |          | 120      |          | Г  |          |               |          |                |                 |   |              |
|          | 21       | =            | $\vdash$ | Г        | H  | H        |          | <del>                                     </del> |                    | T         | ı            |             | 71       | П            |           |          |           | $\neg$   | T        | 寸        |                     | $\neg$   |          | 121      |          |  | Ī        | $\overline{}$ | _        |                | $\Box$          |   |              |
| <b>—</b> | 22       | =            |          | 一        | <del>                                     </del> | I        |          | 厂  | 1.                 |           | Ī            |             | 72       |              |           | $\neg$   | $\neg$    | $\neg$   | 寸        | ヿ        |                     | ┪.       |          | 122      |          |  |          |               |          |                |                 |   |              |
|          | 23       | =            | T        | 1        | $\vdash$   | $\vdash$ |          | Г  | T                  |           | ľ            |             | 73       |              |           |          | $\neg$    |          | T        |          | $\neg$              |          |          | 123      |          |  | Π        |               |          |                |                 |   |              |
|          | 24       | =            |          | Г        | Г  | 1        |          |  |                    |           | Ī            | -           | 74       |              |           |          | $\neg$    |          | $\neg$   | $\neg$   | $\neg$              | 7        |          | 124      | Г        |  | Г        |               |          |                |                 |   |              |
|          | 25       | =            |          | 1        | Г  | 1        | <b>—</b> |  |                    |           |              |             | 75       |              |           |          |           | 一        |          | ヿ        | $\neg$              | 7        |          | 125      |          | Г  | Ī        |               |          |                |                 |   |              |
|          | 26       | =            |          |          |  |          |          | Г  |                    |           | Γ            |             | 76       |              |           |          |           |          |          |          |                     |          |          | 126      |          | П  |          |               |          |                |                 | _ |              |
|          | 27       | =            | Γ        | Г        | Г  | Π        | Г        |  | Г                  |           | Γ            |             | 77       |              |           |          |           | •        |          |          |                     |          |          | 127      |          |  |          |               |          |                |                 |   |              |
|          | 28       | =            | П        | П        | Π  |          |          | Π  | Г                  |           | Γ            |             | 78       |              |           |          |           |          |          |          |                     |          |          | 128      |          |  |          |               |          |                |                 |   |              |
|          | 29       | Ξ            | Г        | П        | Г  |          |          | Π  | Π                  |           | Γ            |             | 79       |              |           |          |           |          | $\neg$   |          |                     |          |          | 129      |          |  |          |               |          |                |                 |   |              |
|          | 30       | =            |          |          |  |          |          |  |                    |           | Γ            |             | 80       |              |           |          |           |          |          |          |                     |          |          | 130      |          |  |          |               |          |                |                 |   |              |
|          | 31       | =            |          |          |  |          |          |  |                    |           | · [          |             | 81       |              |           |          |           |          |          |          |                     |          |          | 131·     |          | L  |          |               |          |                |                 |   |              |
|          | 32       |              |          |          |  |          |          |  |                    |           |              |             | 82       |              |           |          |           |          |          |          |                     |          |          | 132      |          | L  |          |               |          |                |                 |   |              |
|          | 38       | 匚            | $\Box$   | $\Box$   |  | 匚        | $\Box$   | $\Box$   |                    |           |              |             | 83       |              |           |          |           | [        | [        |          |                     | _        |          | 133      | _        | L  |          | _             | L_       | _              | Ш               |   |              |
|          | 34       | L            |          |          | L  | 匚        |          |  |                    |           |              |             | 84       | $\Box$       |           |          |           | _        | [        |          |                     | _        | L        | 134      | L_       | $ldsymbol{ld}}}}}}$ | 乚        | <u> </u>      | _        | _              | Ш               |   | L            |
|          | 35       |              | $\Box$   |          |  |          |          |  | $oxedsymbol{oxed}$ |           |              |             | 85       |              |           |          |           | $\perp$  | _        | _        |                     | _        |          | 135      | _        | L  | _        | $\vdash$      | <u> </u> | oxdot          |                 |   | Ш            |
|          | 36       |              | $\Box$   | L        |  |          | L        | $\Box$   | $\Box$             |           |              |             | 86       |              |           |          |           |          | _[       | _[       |                     | _        | <u></u>  | 136      | _        | _  | _        | <u> </u>      | _        | <u>_</u>       | Ш               |   | Ш            |
|          | 37       |              | 匚        | L        |  | $\perp$  |          |  | $\Box$             |           |              |             | 87       |              | Ш         |          |           | $\perp$  |          |          |                     | _        |          | 137      | _        | L  | 1_       | _             | _        | _              |                 |   | L.           |
|          | 38       |              |          | L        | $oxed{oxed}$                                     |          |          |  |                    |           |              |             | 88       | $oxed{oxed}$ | Ш         |          |           |          |          |          |                     | _        |          | 138      |          | L  | _        | <u> </u>      |          |                | $\Box$          |   | L_           |
|          | 39       | L            | _        | <u> </u> | <u> </u>   | <u> </u> | L        | <u> </u>   |                    |           | . [          |             | 89       | L            | Ш         | $\Box$   |           | _        |          |          |                     | _        |          | 139      | 乚        | L  | <u> </u> | _             | <u> </u> | <u>L</u>       |                 |   | $oxed{oxed}$ |
|          | 40       |              | L        | 匚        | _  | $\perp$  | 匚        | 匚  |                    |           |              |             | 90       |              | $\Box$    |          |           |          | _        | $\Box$   | $\Box$              | _        |          | 140      | L_       | <u> </u>   | <u> </u> | <u> </u>      | <u> </u> | <u></u>        |                 |   | <u> </u>     |
|          | 41       | <u> </u>     | <u> </u> | <u> </u> | ļ  | <u> </u> | L        | ┖  | <u>L</u>           | $\square$ |              |             | 91       | L.           | Ш         | Ш        |           | _        |          | $\Box$   | $\sqcup$            | _        | <u></u>  | 141      | <u> </u> | $ldsymbol{f eta}$  | 1_       | <u>_</u>      | <u> </u> | _              | $\sqcup$        | _ | <u> </u>     |
| L        | 42       | <u> </u>     | <u> </u> | <u></u>  | <u> </u>   | L        | _        | ┖  | <u> </u>           | Ш         |              |             | 92       | $oxed{oxed}$ | Щ         |          | $\Box$    | _        | _        |          |                     | _        |          | 142      | L.       | L  | ـــــ    |               | <u> </u> |                | Ш               |   |              |
|          | 43       | <u> </u>     | L        | _        | <del> _</del>                                    | ـــ      | <u> </u> | 1_   | <u> </u>           | Ш         |              |             | 93       | $oxed{oxed}$ |           | Ш        | Щ         | ļ        | _        |          | $\perp$             | _        | <u> </u> | 143      | L_       | <u> </u>   | ↓_       | <u> </u>      | <u> </u> | _              |                 | _ | _            |
|          | 44       | L            | L.       | <u> </u> | <u> </u>   | <u> </u> | <u> </u> | <u>L</u>   | 上                  | Ш         |              |             | 94       | Щ            |           |          |           | _        | _        | _        | $\sqcup$            |          | <u></u>  | 144      | <u> </u> | ⊢  | ↓_       | <u> </u>      | <u> </u> | <u> </u>       | Ш               |   | _            |
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| ļ        | 46       | <u> </u>     | <u> </u> | <u> </u> | ₩  | ₩.       | ╄        | ـــ  | ↓_                 | Ш         | L            |             | 96       | <u> </u>     | Щ         | Ш        | $\Box$    | _        | _        | _        | $\vdash$            | 4        | <u> </u> | 146      | <u> </u> | <u> </u>   | <b>↓</b> | $\vdash$      | <u> </u> | <u> </u>       | $\sqcup$        |   | $\vdash$     |
|          | 47       | ⊢            | <u> </u> | <u> </u> | ₩  | ↓_       | ـــ      | <b> </b>   | ↓_                 | Ш         |              |             | 97       | <u> </u>     | Ш         |          | $\square$ | _        | _        | $\dashv$ | $\vdash \vdash$     | $\dashv$ | <b> </b> | 147      | <b> </b> | $\vdash$   |          | <u> </u>      | <u> </u> | <del>  -</del> | $\vdash \vdash$ |   |              |
| <u> </u> | 48       | <u> </u>     | <u> </u> | -        | <b>├</b>   | ₩        | <b>├</b> | ┞  | <del> </del>       | Ш         | L            |             | 98       | _            | Ш         | Щ        |           | _        | _        | _        | $\sqcup \downarrow$ | -        | <b>├</b> | 148      | ₽        | ├-   | $\vdash$ |               | ├-       | <u> </u>       | $\vdash \vdash$ |   | <u> </u>     |
|          | 49       | ┞            | <u> </u> |          | ├  |          | ⊢        | ـ  | <u> </u>           | Ш         | -            |             | 99       | <del>ا</del> | $\vdash$  | $\vdash$ | $\dashv$  | _        |          | _        | $\vdash \vdash$     | $\dashv$ | <u> </u> | 149      | ├-       | ⊢  | $\vdash$ | $\vdash$      | <u> </u> | <u> </u>       | $\vdash$        |   |              |
|          | 50       |              |          | 1        | 1  | 1        | 11       | 1  | 1                  |           |              |             | 100      | l            | 1         |          |           | - 1      |          |          |                     | l        | 1        | 150      | 1        | l  | 1        |               |          | 1_             | ŀΙ              |   | ı            |